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(See inside cover)



NATIONAL PHOTOGRAPHIC
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Summary Report

NEW AND UNIQUE PROBABLE SCALEBOARD LAUNCH REVETMENTS AT KAPUSTIN YAR SRBM SUPPORT FACILITY, USSR (TSR)

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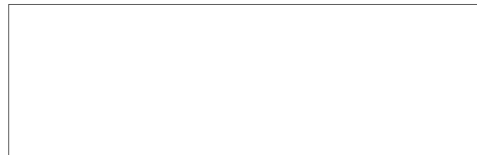
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(WNINTEL)

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Unauthorized Disclosure Subject to Criminal Sanctions



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DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
USIBONLY-	USIB Departments Only
ORCON-	Dissemination and Extraction of Information Controlled by Originator
REL	This Information has been Authorized for Release to

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NEW AND UNIQUE PROBABLE SCALEBOARD LAUNCH REVETMENTS AT KAPUSTIN YAR SRBM SUPPORT FACILITY, USSR (TSR)

(TSR) Two battalions of probable SCALEBOARD (SS-12) SSMs were seen deployed in a new and unique launch revetment pattern at Kapustin Yar SRBM Support Facility [] 25X1

[] This is the first association of the SCALEBOARD 25X1
system with revetted rather than open firing positions. On 16 September similar, but unoccupied, revetments were observed at Sary-Ozek SSM Mobile Missile Support Base [] 25X1

[] 25X1
(TSR) Seven revetment groups were identified [] in the vicinity of the 25X1
SRBM support training area at Kapustin Yar (Figure 1). Three groups were complete and two were under construction when the facility was seen on cloud-free imagery [] 25X1
Two groups were seen through scattered clouds []. On that date, four groups were 25X1
occupied, one was unoccupied, and two were cloud covered. The seven revetment groups were aligned in a five-nautical-mile, north/south line. The distance between each revetment group was approximately 1.3 kilometers.

(S/WNINTEL) Each group consisted of three revetments. The two larger revetments, shaped like a reverse "h", were parallel to each other and were approximately 85 meters apart. This reverse "h"-shaped-type revetment is a launch revetment and accommodates a SCALEBOARD transporter-erector-launcher (TEL) and a URAL-375 support van truck parked on the right front side of the TEL. The third revetment is at the rear of the other two revetments. It is drive through and is probably used for vehicle support.

(S/WNINTEL) [] 25X1

[] However, it was determined that each of the occupied 25X1
launch revetments contained a vehicle similar in length to the SCALEBOARD and another shorter vehicle similar in length to the URAL-375 van truck. The two vehicles were parked in the same pattern as are the SCALEBOARD TEL and URAL-375 support van truck when observed in usual, uncamouflaged training exercises.

(S/WNINTEL) The equipment revetment in three of the occupied groups was camouflaged. The fourth occupied group was not camouflaged and the equipment revetment contained one truck and one truck/trailer.

(TSR) The four revetment groups seen at Sary-Ozek (Figure 2) are, with one exception, similar to those observed at Kapustin Yar. At Sary-Ozek the support equipment revetment has been rotated 90 degrees, so that this revetment is parallel, rather than perpendicular, to the two launch revetments.

(TSR) Although the revetment groups at Sary-Ozek were not occupied [] 25X1
[] a SCALEBOARD TEL and support equipment were seen entering the immediate area 25X1
of the revetment groups.

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List of Conversion Factors by Classification

UNITS OF LENGTH

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
MILLIMETERS	0.0394	INCHES
CENTIMETERS	0.3937	INCHES
INCHES	25.4000	MILLIMETERS
INCHES	2.5400	CENTIMETERS
FEET	0.3048	METERS
FEET	0.0003	KILOMETERS
YARDS	0.9144	METERS
METERS	3.2808	FEET
METERS	0.0005	MILES(NAUTICAL)
METERS	1.0936	YARDS
KILOMETERS	3280.8400	FEET
KILOMETERS	0.6214	MILES(STATUTE)
KILOMETERS	0.5400	MILES(NAUTICAL)
MILES(STATUTE)	1.6093	KILOMETERS
MILES(NAUTICAL)	6076.1154	FEET
MILES(NAUTICAL)	1.8520	KILOMETERS
MILES(NAUTICAL)	1852.0000	METERS

UNITS OF MASS

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
KILOGRAMS	2.2046	POUNDS(AVOIR.)
POUNDS(AVOIR.)	0.4536	KILOGRAMS
SHORT TONS	0.9072	METRIC TONS
METRIC TONS	1.1023	SHORT TONS
METRIC TONS	0.9842	LONG TONS
LONG TONS	1.0160	METRIC TONS

UNITS OF VOLUME

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
LITERS	0.2642	GALLONS
LITERS	0.0063	BARRELS(POL)
LITERS	0.0010	CUBIC METERS
GALLONS	3.7854	LITERS
GALLONS	0.1337	CUBIC FEET
GALLONS	0.0238	BARRELS(POL)
GALLONS	0.0038	CUBIC METERS
BUSHELS	0.0352	CUBIC METERS
CUBIC FEET	7.4805	GALLONS
CUBIC FEET	0.1781	BARRELS(POL)
CUBIC FEET	0.0283	CUBIC METERS
CUBIC YARDS	0.7646	CUBIC METERS
BARRELS(POL)	158.9873	LITERS
BARRELS(POL)	42.0000	GALLONS
BARRELS(POL)	5.6146	CUBIC FEET
BARRELS(POL)	0.1590	CUBIC METERS
CUBIC METERS	1000.0000	LITERS
CUBIC METERS	264.1721	GALLONS
CUBIC METERS	35.3147	CUBIC FEET
CUBIC METERS	28.3776	BUSHELS
CUBIC METERS	6.2898	BARRELS(POL)
CUBIC METERS	1.3080	CUBIC YARDS

UNITS OF AREA

<i>IF YOU HAVE</i>	<i>MULTIPLY BY</i>	<i>TO OBTAIN</i>
SQUARE CENTIMETERS	0.1550	SQUARE INCHES
SQUARE INCHES	6.4516	SQUARE CENTIMETERS
SQUARE FEET	0.0929	SQUARE METERS
SQUARE YARDS	0.8361	SQUARE METERS
SQUARE METERS	10.7639	SQUARE FEET
SQUARE METERS	1.1960	SQUARE YARDS
SQUARE METERS	1.0000	CENTARES
SQUARE METERS	0.0002	ACRES
SQUARE METERS	0.0001	HECTARES
ACRES	4046.8564	SQUARE METERS
ACRES	0.4047	HECTARES
HECTARES	10000.0000	SQUARE METERS
HECTARES	2.4711	ACRES

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